

REMARKS

Claims 1-5 and 6-17 remain pending in the application. Claims 1-4, 6 and 9-14 have been amended, and claim 5 has been cancelled. Reconsideration of the rejection and allowance of the pending application in view of the following remarks are respectfully requested.

As an initial matter, Applicants wish to thank the Examiner for considering all of the documents cited in the Information Disclosure Statement filed on June 22, 2005.

As another matter, Applicants note that the Examiner has not yet confirmed the acceptability of the drawings filed on February 11, 2005. Applicants respectfully request that the Examiner confirm the acceptability of the drawings in the next Office communication.

In the Office Action, the Examiner rejected claims 1-17 under 35 U.S.C. §103(a) as being unpatentable over Agrawal et al. (U.S. Patent Application Publication No. 2004/0024901) in view of Sandhu et al. (U.S. Patent Application Publication No. 2003/0115452). Applicants respectfully traverse the rejection for at least the following reasons.

Applicants respectfully submit that there is no motivation to combine Agrawal and Sandhu for at least the reason that the problems to be solved by the two references are different.

Agrawal relates to a method and system for facilitating the mobility of a node within a domain or network (see, e.g., paragraph [0002]) and is directed to the problem of reducing latency and hand-off delays in the system (see, e.g., paragraph [0063]).

In contrast, Sandhu relates to a system for accessing multiple different network stations without entry of a password (see Abstract) and is not concerned with facilitating mobility of the different network stations. Further, Sandhu is directed to the problem of allowing easier access to a plurality of networked devices controlled by different entities.

Applicants respectfully submit that one of ordinary skill in the art would not look to Sandhu to improve the security of Agrawal's system, as Sandhu relates to a different problem than that encountered by Agrawal.

Applicants further submit that the combination of the references fails to disclose or suggest all of the elements recited in independent claim 1.

Independent claim 1 has been amended to include the features of dependent claim 5 (which is now cancelled). In the Office Action, the Examiner cited paragraphs [0027] and [0047] - [0052] to reject claim 5, but failed to identify clearly how each element in the claim is related to what is disclosed in these paragraphs. The Examiner did not specify which reference he was citing, but Applicants assume the Examiner intended to cite Sandhu. Applicants respectfully request that the Examiner confirm whether Applicants' assumption is correct.

In paragraph [0027] of Sandhu, a client device which transmits a message including a first random number to a server is described. Applicants presume that the Examiner is asserting that the client device is analogous to the mobile communication device of claim 1, and the server is analogous to the second communications device of claim 1. Applicants respectfully submit that there is no disclosure or suggestion of Sandhu's client device providing a device address to the server and no disclosure or

suggestion of Sandhu's server verifying the validity of the device address prior to generating the second random number.

Paragraphs [0047] – [0052] disclose communication between a first, a second and a third network station (sponsor). Applicants respectfully submit that none of these stations provide a device address to another station. Rather, Applicants submit that only a user password (see paragraph [0047]), a user identifier (paragraph [0051]) and symmetric crypto-keys (paragraph [0049]) are transmitted.

Thus, Applicants respectfully submit that the combination of Agrawal et al. and Sandhu et al., as asserted by the Examiner, fails to disclose or suggest a method of generating an authentication for updating a mobile communications device's location to a second communications device which includes providing a first input from a proxy server and a second input from the second communications device to a first algorithm to generate a shared secret, where the mobile communications device provides a device address to the second communications device, and the second communications device verifies the validity of the device address prior to providing the second input to the first algorithm, as recited in Applicants' amended independent claim 1.

For at least these reasons, Applicants respectfully submit that the invention recited in claim 1 is not obvious over the applied combination of Agrawal et al. and Sandhu et al., and thus, respectfully request that the Examiner withdraw the 35 U.S.C. §103(a) rejection and allow claim 1.

Dependent claims 2-4 and 6-17 are submitted to be in condition for allowance at least in view of their dependency on claim 1.

Based on the above, it is respectfully submitted that this application is now in

condition for allowance, and a Notice of Allowance is respectfully requested.

SUMMARY AND CONCLUSION

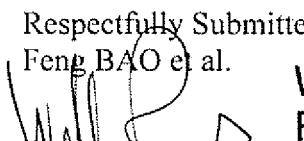
Entry and consideration of the present amendment, reconsideration of the outstanding Office Action, and allowance of the present application and all of the claims therein are respectfully requested and now believed to be appropriate. Applicants have made a sincere effort to place the present invention in condition for allowance and believe that they have now done so.

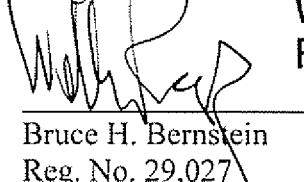
Any amendments to the claims which have been made in this amendment, and which have not been specifically noted to overcome a rejection based upon the prior art, should be considered to have been made for a purpose unrelated to patentability, and no estoppel should be deemed to attach thereto.

Should an extension of time be necessary to maintain the pendency of this application, the Commissioner is hereby authorized to charge any additional fee to Deposit Account No. 19-0089.

Should the Examiner have any questions or comments regarding this response, or the present application, the Examiner is invited to contact the undersigned at the below-listed telephone number.

Respectfully Submitted,
Feng BAO et al.


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